

US EPA ARCHIVE DOCUMENT

Shoreside Power Project Port of San Francisco

Total Budget: \$5.2 million

- Bay Area Air Quality Management District - \$1.9M
- US Environmental Protection Agency - \$1.0M
- SF Public Utilities Commission - \$1.3M
- Port of San Francisco - \$1.0M

Emission Reductions

(Estimated, per ship)

- 140 lbs of particulate matter (PM)
- 1.3 tons of nitrogen oxides (NO_x)
- 0.87 tons of sulfur oxides (SO_x)
- 19.7 tons of carbon dioxide (CO₂)

Other Project Facts

- Port of San Francisco, Pier 27
- Project planning began in 2006
- Project completion in October 2010
- Up to 90 vessel visits to the port annually
- Average vessel berthing time of 10.4 hours
(8.4 hours of shorepower connection)



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